

**Industrial Waste Advisory Committee (IWAC) Meeting  
May 4, 2005**

Industrial Waste Advisory Committee

IWAC Attendees: Kevin Burrell, Environmental Coalition of South Seattle (ECOSS)  
Ken Gross, GM Nameplate  
Sandy Hallberg, Asko Processing  
Donna Hoskins, Berlex  
Bill Hughes, Skills Inc.  
Mike Jeffers, Rebec LLC  
Al Rainsberger, Todd Pacific Shipyards  
Tom Raymond, Honeywell  
Steve Skodje, Cargill  
Doris Turner, Boeing  
Chris VanHoof, City of Kent

Guests: Chris Arfman, Skills Inc.  
John Plaza, Seattle Biodiesel  
Heather Trim, People for Puget Sound  
Tim Yokers, City of Edmonds

KCIW Attendees: Barbara Badger, Compliance Investigator  
Arnaud Girard, Compliance Investigator  
Elsie Hulsizer, Program Manager  
Greg Newborn, Lead Compliance Specialist  
Kristin Painter, Administrator  
Bruce Tiffany, Water Quality Engineer  
Dana West, Communications Specialist

Agenda:

1. Announcements
2. Seattle Biodiesel
3. FOG – Fats, Oils, and Grease
4. Industrial Waste's Biotechnology Project
5. Industrial Waste's Strategic Plan
6. Tour of GM Nameplate Facility

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**1. Announcements**

Copies of the Executive Summary portion of the King County 2004 Annual Pretreatment Report were given to IWAC members. King County Industrial Waste is required by the Washington State Department of Ecology to submit an annual pretreatment report. If interested, copies of the report are available by contacting Kristin Painter at 206-263-3002 or [kristin.painter@metrokc.gov](mailto:kristin.painter@metrokc.gov).

**2. Seattle Biodiesel**

John Plaza, president and founder of Seattle Biodiesel, a start-up business located in South Seattle, spoke about his new company and the production and use of biodiesel as an alternative to petroleum based diesel fuel. Biodiesel is a clean-burning, non-toxic fuel made mostly from renewable resources such as soybeans, canola oil, and mustard seed. Biodiesel contains no petroleum, but it can be blended at any level with petroleum diesel to create a biodiesel blend. It is better for the environment because it is made from renewable resources and has lower emissions compared to petroleum diesel. Because it is made in the USA, its use decreases our dependence on foreign oil and contributes to our own economy.

The Seattle area probably has one of the highest concentrations of people who run biodiesel in their personal cars, and Washington is one of the top states in biodiesel usage, mainly by government fleets. Most of the biodiesel being used in Washington is brought in from the Midwest. Seattle Biodiesel is one of the first Washington producers of biodiesel, and they plan to serve both public and private fleets with locally produced biodiesel using existing networks of fuel distributors. They will also be setting up agreements with local retailers to provide biodiesel to the public for retail purchase. For more information about Seattle Biodiesel, please e-mail John Plaza, [john@seattlebiodiesel.com](mailto:john@seattlebiodiesel.com).

### **3. FOG – Fats, Oils, and Grease**

Bruce Tiffany, Water Quality Engineer for King County Industrial Waste (KCIW), gave a presentation about fats, oils, and grease (FOG) and how KCIW regulates FOG dischargers. FOG can block sewer lines and is one of the major causes of sanitary sewer overflows (SSOs). KCIW regulates food processors such as dairies, fish processors, bakeries, meat processors, ice cream manufacturers, etc. Local sewer agencies regulate restaurants, cafeterias, and residences. King County rules require dischargers to minimize free-floating FOG. Wastewater must not be discharged if someone can see FOG floating on the surface or adhering to the sides of storage containers. Dischargers may not add agents to emulsify free-floating polar FOG. King County may require companies discharging polar FOG to complete a FOG control plan. The goal of the FOG control plan is to implement reasonable and technically feasible controls of free-floating FOG. For more information about the KCIW FOG Program, please contact Bruce Tiffany at 206-263-3011 or [bruce.tiffany@metrokc.gov](mailto:bruce.tiffany@metrokc.gov).

### **4. Industrial Waste's Biotechnology Project**

Arnaud Girard, Industrial Waste Compliance Investigator, talked about KCIW's focus this year on the biotechnology industry in the region. Some of the questions being explored are:

- What type and size of biotechnology companies are out there? What are they doing?
- Does KCIW need to spend more time regulating the biotechnology industry sector?
- What type of permitting instrument is needed to regulate them?

To learn more about the biotech companies in the King County sewer service area, the project team recently conducted a focus group meeting with contacts from the few biotech companies that KCIW currently permits, and will next be sending out a survey to approximately 150 biotech companies in the area. For more information about this project, please contact Arnaud Girard at 206-263-3012 or [arnaud.girard@metrokc.gov](mailto:arnaud.girard@metrokc.gov).

**5.**

### **Industrial Waste's Strategic Planning**

Elsie Hulsizer, Industrial Waste Program Manager, talked about the strategic planning process that KCIW is working on. A few of the major goals are to save on fees, have a lean operation, be an effective pretreatment program, and be prepared to respond to changes in the economy and in our own government system. Because IWAC is one of KCIW's key stakeholder groups, the strategic planning committee will be interviewing IWAC members via phone to gather their input. Interview questions will be sent to IWAC members in advance. The committee will report back on the draft strategic plan at the November 2 meeting. For more information about the KCIW strategic planning process, please contact Elsie Hulsizer at 206-263-3010 or [elsie.hulsizer@metrokc.gov](mailto:elsie.hulsizer@metrokc.gov).

### **6. Tour of GM Nameplate Facility**

Ken Gross gave a tour of the GM Nameplate Facility. Thank you for the hospitality shown by Ken and GM Nameplate for hosting this meeting!

**The next meeting will be at 9:00 a.m., November 2, 2005. Agenda and location to be determined.**